

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Product Name ADHESIVE/SEALANT 277
Product Type AnaerobicPart No. 277
Formula No. _____

II. COMPOSITION

<u>Ingredients</u>	<u>% by Wt.</u>	<u>Hazard</u>
Polyglycol dimethacrylates	50-55	See Section IV. ↓
Bis-Phenol A fumarate resin	45-50	
Saccharin**	<2	
Cumene Hydroperoxide*	<2	
N,N-Dialkyltoluidines	<1	

*In a single test, pure cumene hydroperoxide caused tumors in one of thirty experimental animals when injected under the skin. **Saccharin has been shown to cause tumors in experimental animals when fed in large amounts for prolonged periods. In light of the low concentration of these components in the product, it is our best technical judgment that normal use of this product poses no such hazards. These warnings are present only to comply with OSHA regulations.

III. CHEMICAL AND PHYSICAL PROPERTIES

Vapor Pressure < 5 mm at 80°F
Vapor Density Unknown
Solubility in Water Slight
Appearance Red LiquidSpecific Gravity 1.12 at 80°F
Boiling Point > 300°F
pH dna
Odor Mild

IV. TOXICITY AND HEALTH HAZARD DATA

Toxicity

Oral LD50 >5000 mg/kgTLV Does not applyDermal LD50 >2000 mg/kgSymptoms of Overexposure May cause dermatitis on prolonged contact in sensitive individuals.

Emergency Treatment Procedures

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.Inhalation: Does not apply.Skin Contact: Flush with water.Eye Contact: Flush with water.

Personal Protection

Eyes: Safety glasses recommended.Skin: Rubber or plastic gloves recommended.Ventilation: Not normally necessary.

V. FLAMMABILITY AND EXPLOSIVE PROPERTIES

Flash point > 2000F Method T.C.C.
Explosive Limits (% by volume in air) Lower dna % Upper dna %
Recommended Extinguishing Agents CO₂, Foam, Dry Chemical
Hazardous Products Formed by Fire of Thermal Decomposition: Irritating organic vapors.
Unusual Fire or Explosion Hazards: None
Compressed Gasses Name None
Pressure at Room Temperature _____

VI. REACTIVITY DATA

Stability ☒ Stable ☐ Unstable
Hazardous Polymerization ☐ May Occur ☒ Will Not Occur
Hazardous Decomposition Products (non-thermal)
None

Incompatibility None

VII. SPILL OR LEAK AND DISPOSAL PROCEDURES

Steps to be taken in case of spill or leak: Soak up in an inert absorbent. Store in partly filled, closed container until disposal.

Recommended methods of disposal: Bury or incinerate in accordance with EPA and local regulations.

VIII. STORAGE AND HANDLING PROCEDURES

Storage: Store below 110°F to preserve shelf-life.

Handling: Avoid prolonged skin contact.

IX. SHIPPING REGULATIONS

Type or Class DOT Unrestricted
IATA Unrestricted

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